

## Anti-CD200R [OX-110] Standard Size Ab00577-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** OX-110

**Alternative Name(s) of Target:** OX2R; Cell surface glycoprotein CD200 receptor; cell surface glycoprotein CD 200 receptor; CD200 receptor; CD 200 receptor; CD200cell surface glucoprotein receptor; CD 200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor; OX110; MRC OX

**UniProt Accession Number of Target Protein:** Q9ES57

**Published Application(s):** FC

**Published Species Reactivity:** Mouse

**Immunogen:** OX-110 was generated from rats using immunogenic mouse fusion protein mCD200RCD4d34.

**Specificity:** OX-110 binds specifically to CD200R proteins. CD200R is a type I membrane protein and an inhibitory receptor for the CD200/OX-2 cell surface glycoprotein. CD200R acts to limit inflammation by inhibiting expression of pro-inflammatory molecules such as TNF-alpha, interferons and iNOS in response to selected stimuli. CD200R is expressed on rodent myeloid cells and is involved in regulation of macrophage function.

**Application Notes:** OX-110 can be used to stain in FC.

**Antibody First Published in:** Wright et al. Characterization of the CD200 receptor family in mice and humans and their interactions with CD200. J Immunol 171:3034-46 2003 [PMID:12960329](#)

**Note on publication:** Describes the use of OX-110 in studying CD200R expression on isolated leukocyte populations.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.